

**MEASUREMENT**

**MASS**

1. Write whether you would best measure each of the following in grams (g) or kilograms (kg).

- (a) yourself
- (b) four pencils
- (c) tennis ball
- (d) an apple
- (e) six house bricks
- (f) your teacher

2. Complete the following statements about weight.

- (a) A newborn baby is lighter than \_\_\_\_\_
- (b) My bed is heavier than \_\_\_\_\_
- (c) \_\_\_\_\_ is heavier than \_\_\_\_\_
- (d) \_\_\_\_\_ is lighter than \_\_\_\_\_

3. Convert the following measurements.

- (a) 1 kg =  g
- (b) 500 g =  kg
- (c) 2500 g =  kg
- (d) 250 g =  kg
- (e) 4.5 kg =  g
- (f) 1.25 kg =  g

4. Find the range of difference between each of the following measurements of mass.



- (a) 1 kg and 500 g =  kg or  g
- (b) 2 kg and 600 g =  kg or  g
- (c) 4 kg and 1500 g =  kg or  g
- (d) 10 kg and 2500 g =  kg or  g

5. Order the measurements from lightest to heaviest.

- (a) 200 g, 920 g, 150 g, 500 g, 250 g, 750 g
- (b) 4 kg, 21 kg, 14 kg, 75 kg, 9 kg, 50 kg
- (c) 50.5 kg, 55.5 kg, 15.9 kg, 155.5 kg, 105.5 kg, 25.5 kg
- (d) 1.5 kg, 1000 g, 750 g, 1.2 kg, 1300 g, 500 g
- (e) 0.25 kg, 0.5 kg, 200 g, 2000 g, 2.1 kg, 2500 g

6. Quang weighs 49.5 kg, Riley weighs 44.2 kg and Ben weighs 51.7 kg.

- (a) What is the total mass of the boys?  kg
- (b) Who is the lightest?
- (c) Who is the heaviest?
- (d) What is the difference between the lightest and heaviest?  kg